

#### OriGene Technologies, Inc.

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# Product datasheet for CV900003S

### AAVDJ-CMV-P53GFP Control Particle

#### **Product data:**

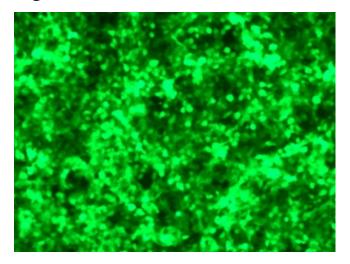
| Product Type:               | AAV Control Particles   |
|-----------------------------|---|
| Description:                | AAVDJ with CMV promoter-driven expression of P53-GFP, >10^13 GC/mL, 50 ul   |
| Reporter:                   | P53-GFP   |
| Promoter:                   | CMV   |
| Serotype:                   | AAV-DJ  |
| <b>Purification Method:</b> | lodixanol   |
| Storage Buffer:             | PBS with 0.001% Pluronic F68  |
| Validation:                 | <ul><li>To validate the quality of our AAV control particles, we have developed the following procedure:</li><li>1. AAV genome titer is determined by qPCR.</li><li>2. AAV transduction efficiency is analyzed by in vitro transduction in HEK293T.</li></ul>   |
| Stability:                  | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. |

Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US **GRIGENE** AAVDJ-CMV-P53GFP Control Particle – CV900003S

## **Product images:**



In-vitro transduction efficiency of HEK293T cell line with AAV-DJ.

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